NASA'S MISSION TO PLANET EARTH

EARTH PROBES

DATA INFORMATION SYSTEM

EOS

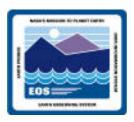EARTH OBSERVING SYSTEM

Introduction

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13 June 1996

Content

- **Purpose & Scope**
- **Road from CDR B**
- **Review Approach & Agenda**

Purpose & Scope

Primary Purpose

- **To validate the Detailed Design of the CSCIs deferred from the main review.**
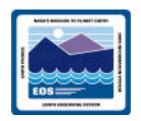
Secondary Purpose

- **To address specific concerns raised by the CDR Review Board concerning the role of Data Server in various operational aspects of the ECS system.**

Scope

- **This review will demonstrate the readiness of the CSCIs SDSRV & DDSRV to proceed to implementation, by evaluating the Detailed Design of those CSCIs.**

- **To confirm the readiness of the Data Server Subsystem (DSS) to proceed to Implementation based upon the above CSCI review & the Mid Cycle Review (5/31).**
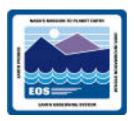
Road from CDR B

Since CDR B DSS has undertaken the following tasks:

- **Completing the Detailed Design for DDSRV & SDSRV**
    - **Detailed Design Documentation (430-TP-008)**
    - **Design Inspections**
    - **Detailed Design Review Preparation**
- **Addressing RIDs and Concerns raised by the Review Board**
    - **Mid-Cycle Review addressed concerns & RIDs raised against the two other CSCIs (STMGT & DDIST). This resulted in a number of additional actions to be addressed through normal engineering coordination meetings between ECS & ESDIS, and two topics requiring further attention by the Board:**
        - **a) Coincident Search - addressed in an e-mail statement to the Board (6/10).**
        - **b) Granule Identification for Reprocessing - addressed in this review.**
    - **Remaining open RIDs are continuing to be worked.**
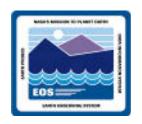
Review Approach

Review Outline

- **CSCIs will be presented in a format very similar to that used for the CDR B event**

    - **CSCI Context & Overview, COTS, Detailed Design**

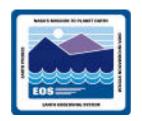- **Detailed design will use Object Interaction Diagrams (OIDs).**

Presentation Order

- **SDSRV Detailed Design & Special Topics**

- **Response to DSS Operability Concerns**

- **DDSRV Detailed Design**

Review Agenda Day 1

ECS RELEASE B DSS DELTA DETAILED DESIGN FOR SDSRV & DDSRV Thursday June13, 1996			
INTRODUCTION		8:00 - 8:20	Steve Marley
SDSRV	CSCI REVIEW	8:20 - 9:45	Jan Dreisbach
BREAK		9:45 - 10:00	
	DETAILED DESIGN Scenario #1:Subsetting	10:00 - 11:00	Jan Dreisbach
	Scenario #2:Multi-State Granule	11:00 - 12:00	Jan Dreisbach
LUNCH		12:00 - 1:00	
	Scenario #3: On-Demand Processing	1:00 - 2:00	Evelyn Nakamura
	Scenario #4: Request Priority/Change	2:00 - 3:00	Mike Burnett
	Scenario #5:Suspend/Resume	3:00 - 4:00	Mike Burnett
	IDENTIFY GRANULES FOR REPROCESSING	4:00 - 4:30	Mike Burnett
	ILLUSTRA PROTOTYPING	4:30 - 5:00	Jan Dreisbach
REVIEW BOARD MEETING		5:00	

Review Agenda Day 2

ECS RELEASE B DSS DELTA DETAILED DESIGN FOR SDSRV & DDSRV			
Friday, June14, 1996			
SDSRV REVIEW (continued) SPECIAL TOPICS	STATUS OF LARGE MULTI-DAAC ORDERS	8:00 - 9:00	Bob Zurn
	REQUEST PARTITIONING	9:00 - 9:30	Mike Burnett
	PARTIALLY FILLED ORDERS	9:30-10:00	Mike Burnett
	ORDER REQUEST TRACKING	10:00 - 10:30	Jim Dennison
DDSRV	CSCI REVIEW	10:30 -11 :00	Evelyn Nakamura
	DETAILED DESIGN Scenario #1:Document Ingest	11:30 -12:15	Evelyn Nakamura
DSS IMPLEMENTATION PLAN		12:15 - 12:30	Doug O'Neill
REVIEW WRAPUP		12:30 - 12:45	Rick Kochhar
WORKING LUNCH		12:45 - 1:30	
REVIEW BOARD MEETING		12:45 - 4:00	
REVIEW BOARD STATEMENT PRESENTATION		4:00	